



तमिलनाडु के लिए राज्य स्तरीय समग्र कृषि-मौसम
परामर्श बुलेटिन

**State Composite Agrometeorological Advisory
Bulletin for Tamil Nadu and Puducherry
Bulletin No. 049/2024**

For the period 0830 IST, 18th June 2024 to
0830 IST, 23rd June 2024

Issued on Tuesday, 18th June 2024

Issued by

DDGM, Regional Meteorological Centre, India Meteorological Department,
Chennai in collaboration with TNAU and nine AMFU's of Agro climatic Zones of
the Tamil Nadu state

Agro climatic zones of the state

Sl. No	Agro climatic zone	Districts	Agro met field Unit (AMFU) location
1	Northeastern zone	Kanchipuram, Tiruvallur, Cuddalore Tiruvannamalai, Chennai, Villupuram , Vellore	Chennai
2	Northwestern zone	Dharmapuri, Krishnagiri, Salem and Namakkal	Namakkal
3	Western Zone	Erode, Tiruppur and Coimbatore,	Coimbatore,
4	Cauvery Delta zone	Thanjavur, Nagapattinam, Tiruvarur, Karur, Perambalur, Ariyalur and Tiruchirapalli.	Adudurai
5	Southern zone	Virudhunagar, Tirunelveli and Thoothugudi	Kovilpatti
6	South Zone	Pudukkottai, Madurai, Dindigul, Theni, Ramanathapuram and Sivagangai	Kannivadi
7	High rainfall zone	Kanyakumari	Pechiparai
8	Hilly zone	Nilgiris	Ooty
9	Coastal Zone	Karaikal and Pondicherry	Karaikal



Past Weather Summary for the period 14.06.24 to 17.06.24 for the State of Tamilnadu & Puducherry

Temperature:

Maximum Temperature of range 31°C – 41°C prevailed over the state. Kodaikanal and Uthagamandalam recorded Maximum temperature range 21°C – 23°C during the period.

Minimum temperature of range 24°C - 29°C prevailed over the State. Kodaikanal and Uthagamandalam recorded Minimum temperature of range 11°C - 14°C during the same period.

Spatial distribution of Rainfall

Spatial distribution of Rainfall	Tamil Nadu	Puducherry
Widespread (Most places)	--	--
Fairly widespread (Many places)	--	--
Scattered (Few Places)	--	--
Isolated (One or Two Places)	14.06.24 and 17.06.24	--
Dry	15.06.24 and 16.06.24	14.06.24, 15.06.24, 16.06.24 and 17.06.24

Chief Amounts of Rainfall (in cms):-

14.06.24 : Cheyyar (dist Tiruvannamalai), Thirukalukundram (dist Chengalpattu),Mahabalipuram (dist Chengalpattu), Arani (dist Tiruvannamalai) 2, Hosur AWS(dist Krishnagiri) 2 each,Puduchatram (dist Namakkal), Edapadi (dist Salem), Cheyyur (distChengalpattu), Kalavai PWD (dist Ranipet), Kariyakovil Dam (dist Salem),Hogenekal (dist Dharmapuri), Hosur (dist Krishnagiri), Rasipuram (distNamakkal), Maduranthagam (dist Chengalpattu), Walajabad (distKancheepuram), Vembakkam (dist Tiruvannamalai), Mangalapuram (distNamakkal), Barwood (dist The Nilgiris), Virinjipuram AWS (dist Vellore),Omalar (dist Salem) 1 each.

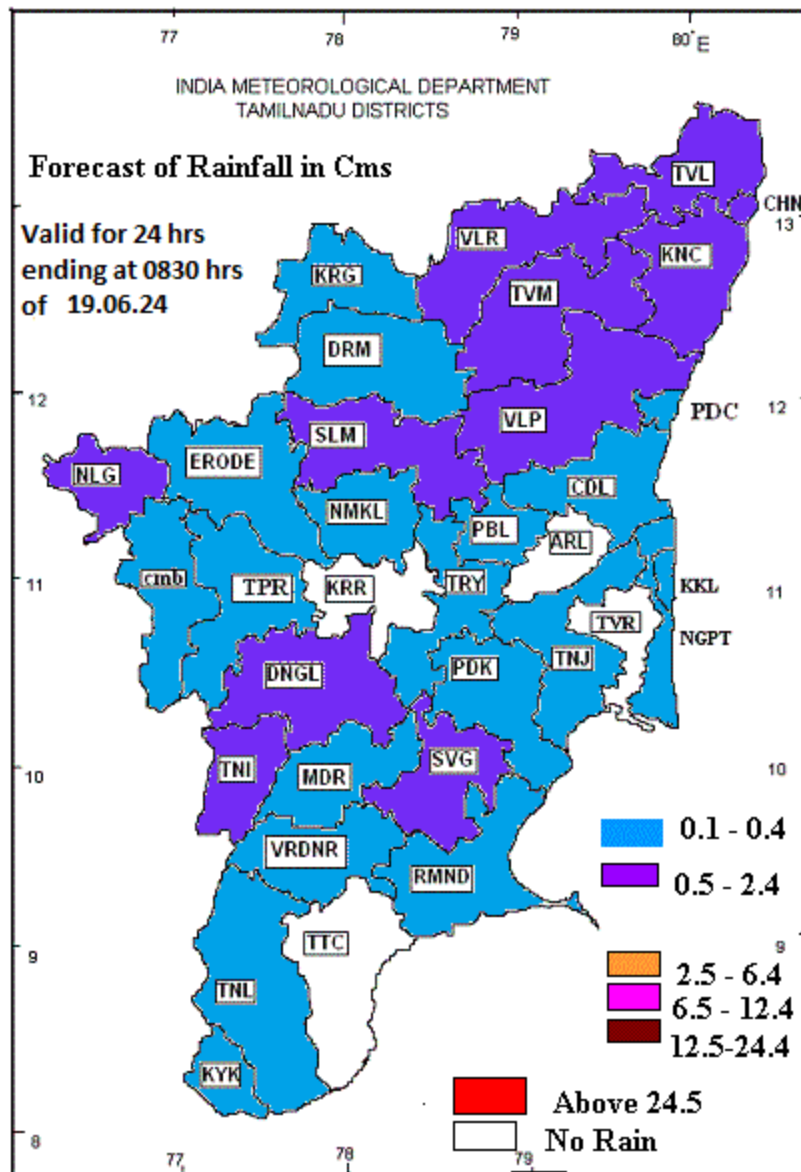
15.06.24 : Nil

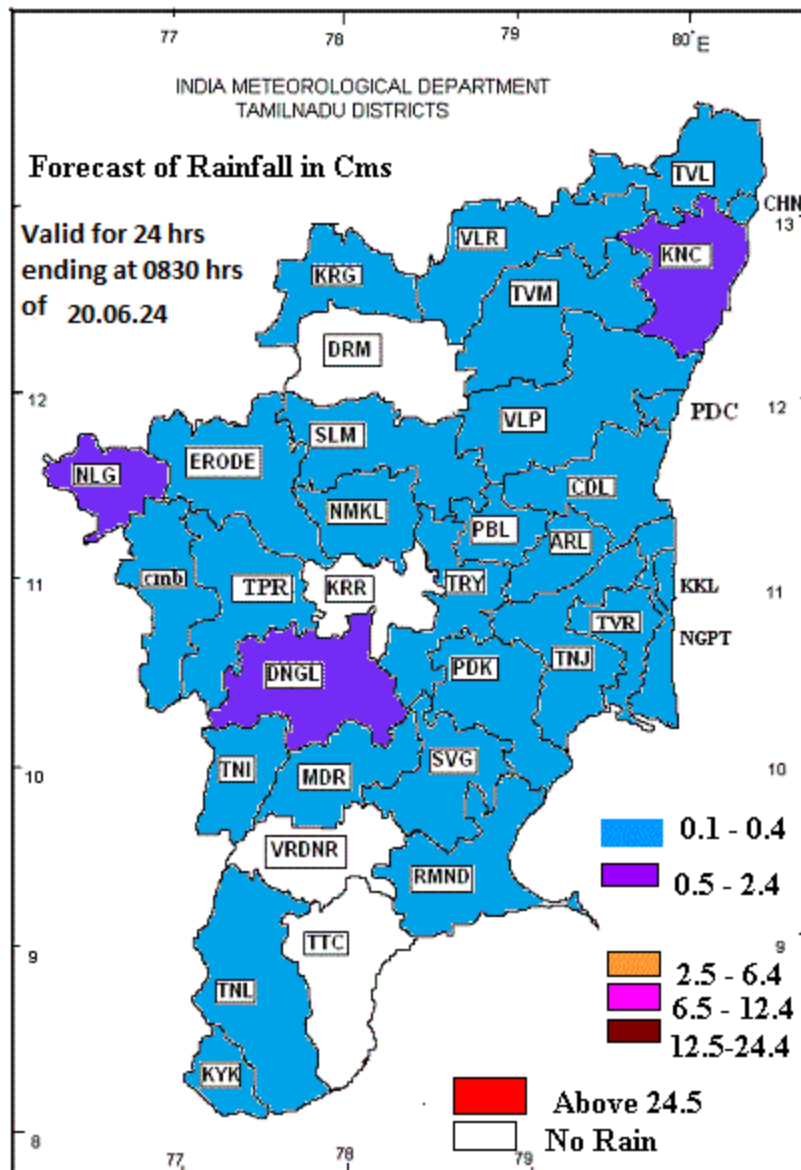
16.06.24 : Nil

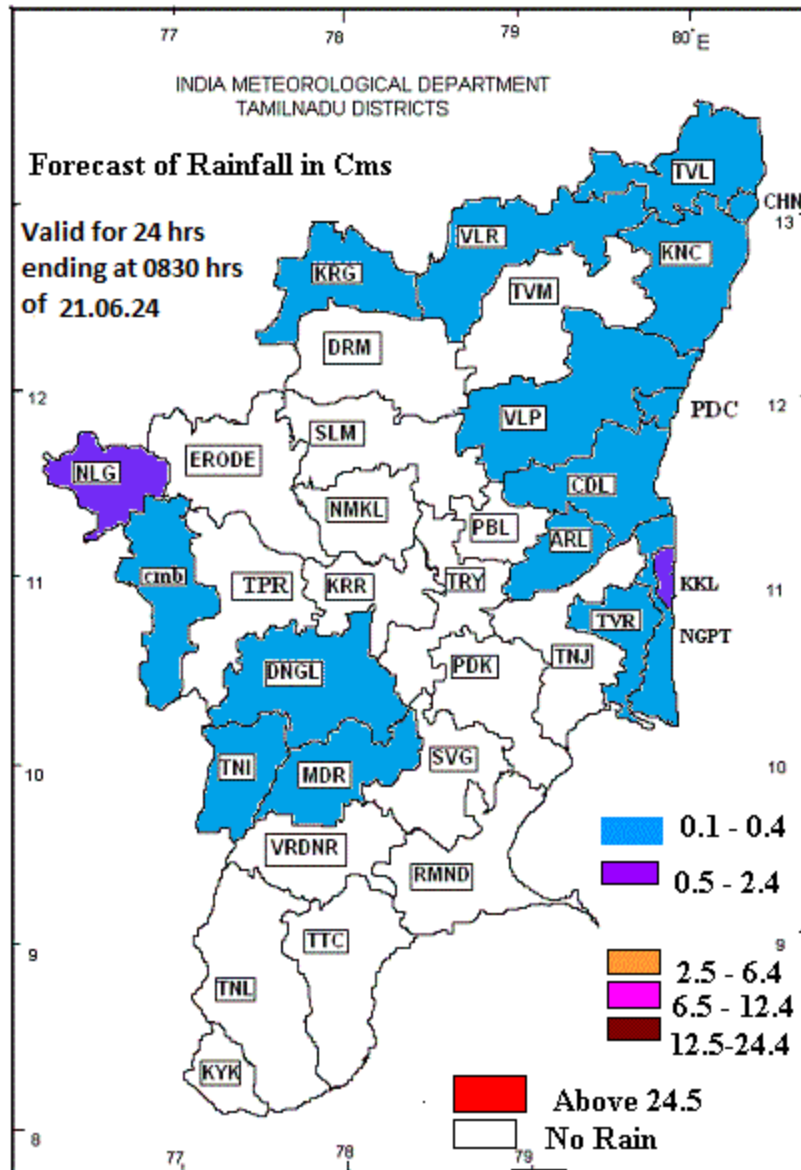
17.06.24: Virinjipuram AWS (dist Vellore) 7,Arani ARG (dist Tiruvannamalai), Marakkanam (dist Villupuram) 6 each,Kumarapalayam (dist Namakkal) 5,Red Hills (dist Tiruvallur), Kalavai PWD (dist

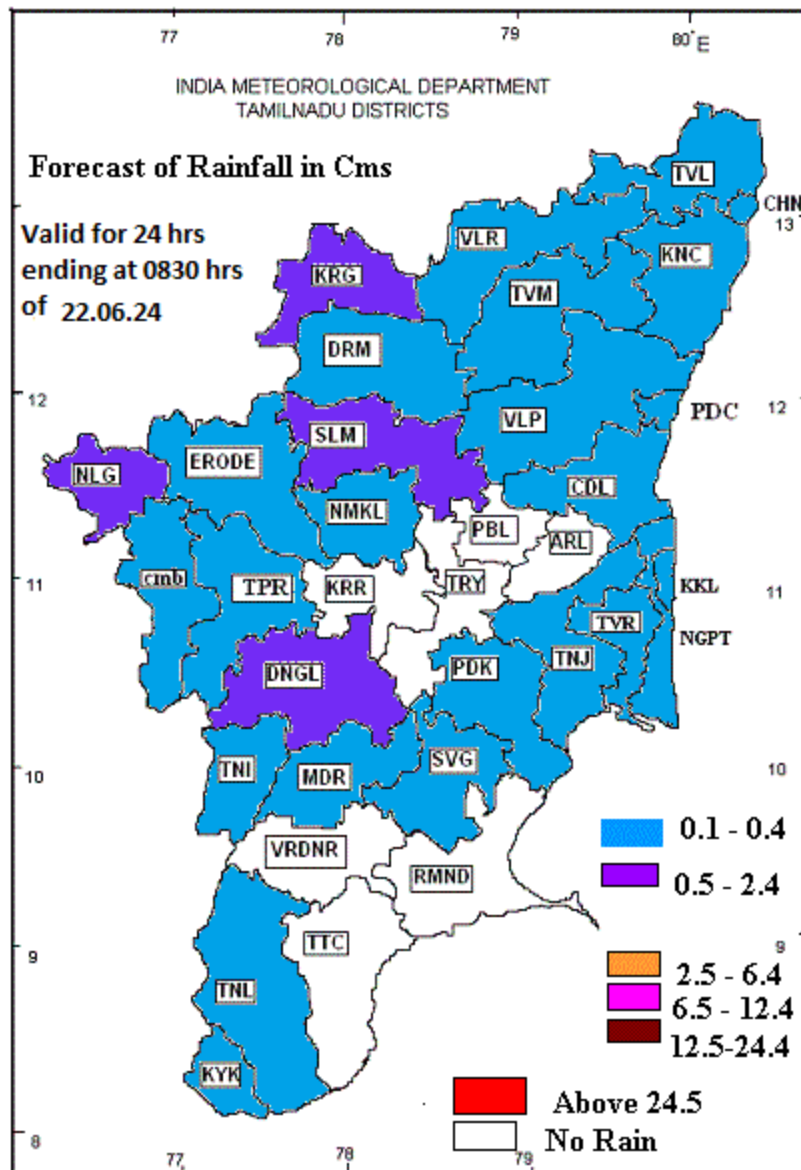
Ranipet), Katpadi (dist Vellore), Tiruttani (distTiruvallur) 4 each,Alakarai Estate (dist The Nilgiris), Maduranthagam (dist Chengalpattu), Arani (distTiruvannamalai), Mettupatti (dist Madurai), Mettur (dist Salem), Karaikudi (dist Sivagangai),Valparai PTO (dist Coimbatore), Chinnakalar (dist Coimbatore), Tirumayam (dist Pudukkottai) 3each,Vellore (dist Vellore), Periyapatti (dist Madurai), Vembakkam (dist Tiruvannamalai), Cincona(dist Coimbatore), Coonoor (dist The Nilgiris), Coonoor PTO (dist The Nilgiris), Cheyyur (distChengalpattu), Kancheepuram (dist Kancheepuram), Danishpet (dist Salem), Ammundi (distVellore), Sholingur (dist Ranipet), Burliar (dist The Nilgiris), Adar Estate (dist The Nilgiris),Upasi TRF AWS (dist Coimbatore) 2 each,Uthiramerur (dist Kancheepuram), Melalathur (dist Vellore), Tiruttani PTO (dist Tiruvallur),Gudiyatham (dist Vellore), Vandavasi (dist Tiruvannamalai), RSCL Vallam (dist Villupuram),Pudukkottai (dist Pudukkottai), Yercaud (dist Salem), RSCL-3 Valathy (dist Villupuram),Cholavaram (dist Tiruvallur), Kaveripakkam (dist Ranipet), Polur (dist Tiruvannamalai),Tindivanam (dist Villupuram), Ponnai Dam (dist Vellore), Kudimiyamalai (dist Pudukkottai),Yercaud ISRO AWS (Salem) 1 each.

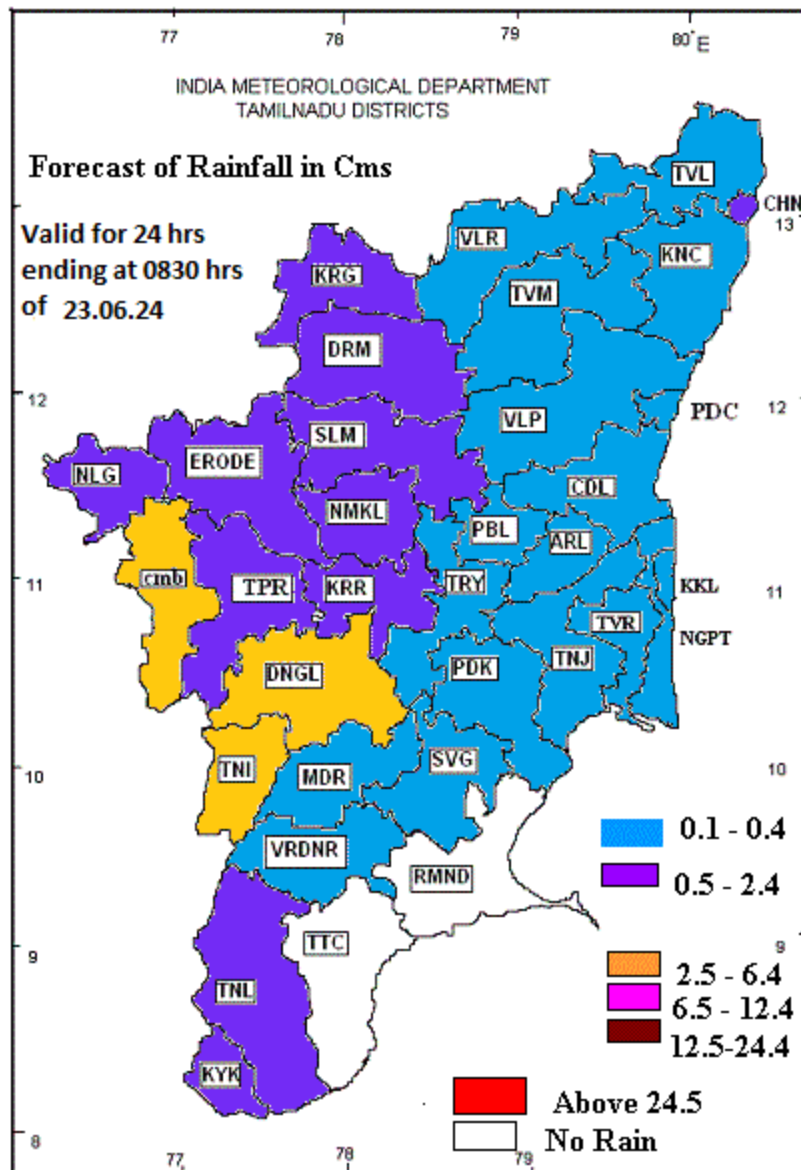
**DISTRICT LEVEL ENSEMBLE WEATHER FORECASTISSUED ON: 18.06.24
VALID FOR THE NEXT 5 DAYS**











District-wise Agromet Advisories

Chennai, Kancheepuram, Villupuram, Tiruvannamalai, Tiruvallur, Vellore and Cuddalore

SMS Advisory:

(19.06.2024-23.06.2024) Light to moderate rain is likely to occur at one or two places over Tamilnadu.

Livestock Advisory:

1. Accidental grazing of new shoots of sorghum fodder may lead to HCN poisoning and death, hence farmers are advised to take precautionary measures
2. Small ruminants overfed with excessive grain feed are at the edge of procuring Enterotoxaemia, hence precautionary measures should be taken
3. The drainage system in cattle shed must be open and blockage free with access to easy cleaning to prevent fly breeding.
4. Rabbitaries with asbestos/metal roofs will experience more heat during summer, hence covering the roof with coconut leaves or gunny bags and splashing water over them will reduce the inner micro climate of rabbit shed.
5. To prevent E.coli infection in nursery piggery shed the floor must be washed with luke warm saline / good irritant free disinfectant atleast weekly once.
6. Native poultry reared under integrated method incase infested with lice, must be given medicated bath. A sponge dipped in one ml of butox mixed in one litre of water could be rubbed all over the body on a bright sunny day. Care must be exercised to avoid eyes ear lobe and mouth.

Agricultural advisory

Rice:

Due to prevailing weather condition, thrips, leaf folder and stem borer incidence was observed in rice field. The symptom of thrips damage leaf shows discoloration and rolling, yellow or silvery streaks on the leaves of young seedlings and leaf tips wither off. For thrips management, spray azadirachtin 0.15% @600-1000 ml/acre or thiamethoxam 25 WG @40g/acre. To control leaf folder and stem borer incidence, apply fipronil 80% WG 20-25 g/acre.

Due to prevailing weather condition chances of thrips infestation in paddy field. To control spray thiamethoxam 25% WG 100 g/ha or dimethoate 1.5ml/l. 2. Due to prevailing weather condition brown plant leafhopper infestation is found in paddy crop. Symptoms Nymphs and adults congregate at the base of the plant above the water level. Affected plant dries up and gives a scorched appearance called "hopper burn". Circular patches of drying and lodging of matured plant. To control spray carbosulfan 400 ml/ac + imidaclopride 40ml/ac or pymetrozine 120 g/ac with wetting agent.

The forecasted weather may cause leaf folder infestation in rice crop. The farmers are advised to monitor the field, if symptoms are observed it's advised to spray Chlorantraniliprole 18.5% 150 ml/ha.

Sugarcane:

Mealy bug and pokkahboeng infection identified in sugarcane crop. Mealy bug affect growth of plants and pokkahboeng cause death of young spindles of sugarcane crop. To control spray imidacloprid 17.8 SL 0.6 ml/l or carbendazim 1.0 g/l. 2. Due to prevailing weather condition changes of sugarcane early

shoot borer infection. To control spray chlorantraniliprole 18.5 SC (0.5 ml/l) or fipronil 5 % SC (2.0 ml/l).

Coconut:

The coconut tree basins may be sown with sunhemp in the onset of monsoon and incorporated at flowering stage.

Installation of yellow sticky traps on the palm trunk to trap the adult whiteflies. 2. Encourage buildup of parasitoids (*Encarsia* sp.) and reintroduce parasitized pupae of emerging zones of whitefly outbreak. 3. In severe case, spray neem oil 10 ml/lit of water or spray azadirachtin 2.0 ml/lit of water with 1.0 ml of sticking agent.

Mango:

The mango crop harvesting is in progress. The fruit may be harvested with 1cm stalk to avoid flow of latex.

The fruits may be treated with 2ml /lit Ethrel along with few sodium hydroxide pellets for uniform ripening and color development.

Banana:

High wind speed (>10 kmph) is expected on forthcoming days, so prop up 5 month old banana trees.

Coimbatore

Agro Advisory

Crop	Stage	Advisory
General		Light rainfall is expected along with heavy wind speeds of 10 – 24 kmph during this week in Western Ghat districts. Irrigation may be done based on soil moisture. Continue the spraying of chemical during rain free period in the morning hours.
Rice	Land preparation	The prevailing weather is favourable for sucking pest incidence in the rice nursery field. Hence, monitor for the pest infestation and spray 5% Neem Seed Kernel extract.
Sugarcane	Vegetative	Considering the high wind speed with light rainfall provide propping to the sugarcane by tying opposite row to prevent from lodging.
Tomato		This is the best time for planting the tomato and hence farmers are requested to start the field preparation.
Banana		Considering the high wind speed @ 10-24 kmph, provide propping to the banana of more than five months old to prevent from lodging.
Coconut		Since southwest monsoon has started dig the pits for planting tree crops.
Animal Husbandry		Do not allow the animals to graze newly emerged grasses to avoid worm infections. Provide adequate cool drinking water to prevent thirst for water due to high wind speed.

SMS advisory

Considering the high wind speed provide adequate support to 5 months old banana and propping in sugarcane to prevent from lodging.

Erode

Agro Advisory

Crop	Stage	Advisory
General		Light rainfall is expected along with heavy wind speeds of 10 – 24 kmph during this week in Western Ghat districts. Irrigation may be done based on soil moisture. Continue the spraying of chemical during rain free period in the morning hours.
Rice	Land preparation	The prevailing weather is favourable for sucking pest incidence in the rice nursery field. Hence, monitor for the pest infestation and spray 5% Neem Seed Kernal extract.
Sugarcane	Vegetative	Considering the high wind speed with light rainfall provide propping to the sugarcane by tying opposite row to prevent from lodging.
Tomato		This is the best time for planting the tomato and hence farmers are requested to start the field preparation.
Banana		Considering the high wind speed @ 10-24 kmph, provide propping to the banana of more than five months old to prevent from lodging.
Coconut		Since southwest monsoon has started dig the pits for planting tree crops.
Animal Husbandry		Do not allow the animals to graze newly emerged grasses to avoid worm infections. Provide adequate cool drinking water to prevent thirst for water due to high wind speed.

SMS advisory

Considering the high wind speed provide adequate support to 5 months old banana and propping in sugarcane to prevent from lodging.

Tiruppur

Agro Advisory

Crop	Stage	Advisory
General		Light rainfall is expected along with heavy wind speeds of 10 – 24 kmph during this week in Western Ghat districts. Irrigation may be done based on soil moisture. Continue the spraying of chemical during rain free period in the morning hours.
Sugarcane	Vegetative	Considering the high wind speed with light rainfall provide propping to the sugarcane by tying opposite row to prevent from lodging.
Tomato		This is the best time for planting the tomato and hence farmers are requested to start the field preparation.
Coconut		Since southwest monsoon has started dig the pits for planting tree crops.

Animal Husbandry		Do not allow the animals to graze newly emerged grasses to avoid worm infections. Provide adequate cool drinking water to prevent thirst for water due to high wind speed.
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SMS advisory

Considering the high wind speed provide adequate support to 5 months old banana and propping in sugarcane to prevent from lodging.

Nilgiris

General Advisory:

Moderate rainfall is expected for first two & last two day, light rainfall is expected for third day, hence vegetable farmers are requested to drain the excess water in vegetable field by making proper drainage facility.

SMS Advisory:

To manage wilt in pepper, farmers are advised to do the application of Trichoderma viride@/Pseudomonas or Bacillus 25gm and Neem cake 500gm is recommended. Apply may be given during rain free period.

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
BEETROOT (Vegetative)	To manage leaf spot in Beetroot crop, foliar spray of mancozeb @ 2 g/l on 45, 60 and 75 days after planting is recommended. Spray may be given during rain free period.
GARLIC (Vegetative)	Foliar application of water-soluble micronutrient mixture @ 0.5 g/liter of water during 30, 45 and 60 days after planting may be done to increase the Garlic bulb yield. To manage leaf spot / purple blotch in garlic crop, foliar application of mancozeb @ 2 g/l or copper oxychloride @ 2.5 g/l is recommended. Spray may be given during rain free period.
Horticulture (Stage)	Horticulture Specific Advisory
FRENCH BEAN (Vegetative)	Seeds can be treated with Trichoderma viride @ 4g/kg or Bacillus subtilis @ 10g/kg to manage seed and soil borne pathogens. Further, soil testing has to be done before any cropping programme.

BANANA (Transplanting)	Soil application of FYM @ 10 kg + Neem cake @ 1.25 kg as basal; Vermicompost @ 5 kg after 3 months of planting and Wood ash @ 1.75 kg / plant after 5 months of planting; Triple green manuring with sunhemp (one time) and Cowpea (two times) + biofertilizers viz., Arbuscular mycorrhiza (AM) @ 25g, Azospirillum @ 50 g, Phosphate solubilizing bacteria (PSB) @ 50 g and Trichoderma harzianum @ 50 g/ plant is recommended for organic cultivation of banana. Applying for may be given during rain free period.
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Ariyalur, Karur, Nagapattinam, Perambalur, Thanjavur, Tiruvarur and Tiruchirapalli

Agro Advisory

Crop	Stage	Advisory
General		Farmers are requested to download and utilize the agricultural based mobile apps suggested by TNAU (TNAU AAS, Meghdoot and DAMINI).
Rice	Nursery	Roots of 18 to 22 days of old young seedlings need to be dipped in biofertilizers slurry (1 kg or 125 ml of each Azospirillum and phosphobacteria) for 15 to 30 minutes before transplanting.
Cotton	Vegetative	Prevailing weather condition favours shedding of buds and squares in cotton. To prevent this spray 40 ppm NAA at 60 and 90 days after sowing.
Sugarcane	Vegetative	Considering weather conditions, detrashing and propping of five months old sugarcane is recommended.
Cattle	Cow	Farmers are advised provide sufficient mineral mixture to nourish the cattle health.

SMS advisory

Farmers are requested to download and utilize the agricultural based mobile apps suggested by TNAU (TNAU AAS, Meghdoot and DAMINI).

Dindigul

SMS Advisory

Chances of light to Moderate rain during the next five days. Maximum temperature would be in the range of 36°C to 39°C and the minimum temperature would be between 22°C - 25°C. Cloudy sky will appear for the next five days. Wind is expected with the speed of 16-20 Kmph from, Southwest & West directions.

General Advisory:

Extended range Forecast for next week (21st to 27th June 2024):

Rainfall:

As per extended range predictions, there is possibility of below normal rainfall likely over the district during 21st to 27th June 2024.

Maximum Temperature:

Maximum temperatures are likely to be near normal to slightly above normal and are likely to be in the range 28°C to 34°C over the plains of the district during next week. 21st to 27th June 2024.

Minimum Temperature:

Minimum temperatures are likely to be near normal to slightly above normal and are likely to be in the range 20°C to 24°C over the district during next week 21st to 27th June 2024.

Heavy rain is likely to occur at isolated places over the district on 23 June 2024. Farmers are advised to act swiftly to repair the water channels, farm ponds and other water bodies to harvest the rain water. During these days farmers are advised to avoid irrigation, intercultural operations and application of plant protection measures to the standing crops, provide adequate drainage facilities in the fields to avoid water stagnation due to heavy rainfall, do not allow the animals to grazing outside, standing near the trees or electric poles & provide safe shelter.

Wind with the speed of 16 to 20 kmph is expected for the next five days. Hence farmers are advised to provide propping in sugarcane and to provide adequate support for crops like Banana, Papaya, Guava and Moringa, to prevent from lodging. For Gourds check the structures /pandhals for damages in the strings and poles and provide adequate support. Postpone the spraying activity.

Agriculture:

Farmers planning to cultivate vegetable crops are advised to apply 200 kg of well decomposed farm yard manure along with each 1 kg of Trichoderma viride and Pseudomonas fluorescens per acre.

Weather Based Agro-Advisories: (Tomato, Groundnut & Animal Husbandry)

Tomato:

The incense of Leaf Curl virus disease is noticed in Tomatoes. The symptom appears on newly grown plants, tomato yellow leaf curl virus reduces the internodes and also gives the plant a stunted appearance.

The new leaves also greatly reduce in size, wrinkled and yellowed between the veins. Leaf margins that curl upward, giving them a cup-like appearance.

Flowers may appear but usually will drop before the fruit set.

To control spray the composite of Pseudomonas 40gm + Fermented curd 250ml + 2 egg whites with 10 litres of water.

Groundnut:

In Groundnut cultivation, June month is suitable for sowing and also good for getting a high yield.

Seed treatment is very important for Groundnuts. Treat the seeds with Trichoderma viride @ 10gm/kg of seed.

Bio-control agents are compatible with bio-fertilizers. First, treat the seeds with bio-control agents and then with Rhizobium.

Fungicides and bio-control agents are incompatible; hence such seeds should not be treated with fungicides.

Treatment with Trichoderma viride can be done just before sowing. If seed treatment was not carried out, apply 2kg of Rhizobium, 2kg of Phosphobacteria with 25 kg of FYM and 25 kg of sand per hectare.

Animal Husbandry:

Due to prevailing weather conditions, there is a chance for Black quarter disease in the cow. This disease usually affects young cattle of 6 months to about 2-3 years of age.

The symptoms are crepitating, swelling in the hind or fore quarter, lameness, and muscles shows trembling with violent twitching. Death usually occurs within 24 hours. Hyper immune serum (HIS) is used to control explosive outbreaks.

Immediately contact the local veterinarian to treat the disease. Vaccinate the cow every year one month before the rainy season.

Madurai

SMS Advisory

Chances of light rain during the next five days. Maximum temperature would be in the range of 36°C to 39°C and the minimum temperature would be between 22°C - 25°C. Cloudy sky will appear for the next five days. Wind is expected with the speed of 6-14 Kmph from, West & Northwest directions.

General Advisory:

Extended range Forecast for next week (21st to 27th June 2024):

Rainfall:

As per extended range predictions, there is possibility of below normal rainfall likely over the district during 21st to 27th June 2024.

Maximum Temperature:

Maximum temperatures are likely to be near normal to slightly above normal and are likely to be in the range 28°C to 34°C over the plains of the district during next week. 21st to 27th June 2024.

Minimum Temperature:

Minimum temperatures are likely to be near normal to slightly above normal and are likely to be in the range 20°C to 24°C over the district during next week 21st to 27th June 2024.

Agriculture:

Farmers planning to cultivate vegetable crops are advised to apply 200 kg of well decomposed farm yard manure along with each 1 kg of *Trichoderma viride* and *Pseudomonas fluorescens* per acre.

Weather Based Agro-Advisories: (Banana, Sugarcane & Animal Husbandry)

Banana:

The incense of Fusarium wilt disease noticed in Banana. The first obvious signs of the disease in most of the varieties are wilting, a light yellow colouring of the lower leaves, most prominent around the margins, they eventually turn into bright yellow colour with dead leaf margins.

To avoid this, follow the crop rotation practices.

To control this, apply 2kg of Farm yard manure + *Trichoderma viride* @ 40gm + *Pseudomonas* @ 40gm + Neem Cake @ 200gm, mix thoroughly, and apply ½ a foot away from the root portion of the suckers.

Sugarcane:

Micronutrient deficiency symptoms may be noticed in sugarcane crops.

To alleviate the micronutrient deficiency as well as to improve the yield of ratoon sugarcane, foliar spraying of Sugarcane booster @ 1kg/acre at the time of 45 days after planting, and 1.5kg/acre at the time of 60 days after planting and @ 2kg/acre at the time of 75 days after planting is recommended. Mix the booster with 200 liters of water along with the sticking agent.

Animal Husbandry:

Due to prevailing weather conditions, there is a chance for Black quarter disease in the cow. This disease usually affects young cattle of 6 months to about 2-3 years of age.

The symptoms are crepitating, swelling in the hind or fore quarter, lameness, and muscles shows trembling with violent twitching. Death usually occurs within 24 hours. Hyper immune serum (HIS) is used to control explosive outbreaks.

Immediately contact the local veterinarian to treat the disease. Vaccinate the cow every year one month before the rainy season.

Pudukottai

SMS Advisory

Chances of very light rain during 19, 20, 21 & 23 Jun. Maximum temperature would be in the range of 37°C to 38°C and the minimum temperature would be between 26°C - 27°C. Generally cloudy sky will appear for the next five days. Wind is expected with the speed of 10-14 Kmph from, Southwest direction.

General Advisory:

Extended range Forecast for next week (21st to 27th June 2024):

Rainfall:

As per extended range predictions, there is possibility of below normal rainfall likely over the district during 21st to 27th June 2024.

Maximum Temperature:

Maximum temperatures are likely to be near normal to slightly above normal and are likely to be in the range 34°C to 38°C over the plains of the district during next week. 21st to 27th June 2024.

Minimum Temperature:

Minimum temperatures are likely to be near normal to slightly above normal and are likely to be in the range 24°C to 28°C over the district during next week 21st to 27th June 2024.

Agriculture:

Farmers planning to cultivate vegetable crops are advised to apply 200 kg of well decomposed farm yard manure along with each 1 kg of *Trichoderma viride* and *Pseudomonas fluorescens* per acre.

Weather Based Agro-Advisories: (Groundnut, Brinjal & Animal Husbandry)

Groundnut:

To reduce the root rot infection in groundnut, treat the seeds with *Trichoderma viride* @ 5-10g/kg of seed and *Bacillus subtilis* @ 10g/kg of seed.

Or by using chemical method, treat the seeds with carbendazim or thiram @ 2g/kg of seed 24 hours before sowing.

Brinjal:

Farmers cultivating Brinjal in June should apply herbicide before planting brinjal seedlings.

To control the weeds before they germinate, apply Pendimethalin @ 1kg/ha of Fluchloralin @ 1 litre per hectare should be sprayed uniformly as pre-emergence herbicide (1 litre in 500 litres of water) followed by a hand weeding once at 30 days after planting.

After spraying the herbicide, irrigate and transplant the seedlings.

Animal Husbandry:

Due to prevailing weather conditions, there is a chance for Black quarter disease in the cow. This disease usually affects young cattle of 6 months to about 2-3 years of age.

The symptoms are crepitating, swelling in the hind or fore quarter, lameness, and muscles shows trembling with violent twitching. Death usually occurs within 24 hours. Hyper immune serum (HIS) is used to control explosive outbreaks.

Immediately contact the local veterinarian to treat the disease. Vaccinate the cow every year one month before the rainy season.

Ramanathapuram

SMS Advisory

Chances of very light rain on 19 & 20 June .Maximum temperature would be in the range of 35°C to 37°C and the minimum temperature would be between 25°C - 26°C. Generally cloudy sky will appear for the next five days. Wind is expected with the speed of 26-28 Kmph from, Southwest direction.

General Advisory:

Extended range Forecast for next week (21st to 27th June 2024):

Rainfall:

As per extended range predictions, there is possibility of below normal rainfall likely over the district during 21st to 27th June 2024.

Maximum Temperature:

Maximum temperatures are likely to be near normal to slightly above normal and are likely to be in the range 34°C to 38°C over the plains of the district during next week. 21st to 27th June 2024.

Minimum Temperature:

Minimum temperatures are likely to be near normal to slightly above normal and are likely to be in the range 24°C to 28°C over the district during next week 21st to 27th June 2024.

Wind with the speed of 26 to 28 kmph is expected for the next five days. Hence farmers are advised to provide propping in sugarcane and to provide adequate support for crops like Banana, Papaya, Guava and Moringa, to prevent from lodging. For Gourds check the structures /pandhals for damages in the strings and poles and provide adequate support. Postpone the spraying activity.

Agriculture:

Farmers planning to cultivate vegetable crops are advised to apply 200 kg of well decomposed farm yard manure along with each 1 kg of Trichoderma viride and Pseudomonas fluorescens per acre.

Weather Based Agro-Advisories: (Chilly, Cotton & Animal Husbandry)

Chilly:

There are chances of incense of root rot disease in chilly.

To control this disease, soil application of organic amendments viz., neem seed powder @ 0.05g/kg, neem cake @ 0.15g/kg and mint manure @ 0.75g/kg can be done two weeks before transplanting.

Soil drenching of the fungicides viz., Tebuconazole 0.1%, Carboxin 0.25% and Chlorothalonil 0.20% at 7 days after transplanting can effectively control the disease.

Cotton:

Due to the prevailing weather conditions, the incidence of whitefly and jassids were noticed in cotton.

Hence farmers are advised to set up Yellow & Blue sticky traps each @ 5Nos./acre for monitoring the sucking pests.

Spray, Fish oil @ 400 to 600ml + Rosin soap with 10 litre of water.

Spraying activities can be carried out on a non-rainy day.

Animal Husbandry:

Due to prevailing weather conditions, there is a chance for Black quarter disease in the cow. This disease usually affects young cattle of 6 months to about 2-3 years of age.

The symptoms are crepitating, swelling in the hind or fore quarter, lameness, and muscles shows trembling with violent twitching. Death usually occurs within 24 hours. Hyper immune serum (HIS) is used to control explosive outbreaks.

Immediately contact the local veterinarian to treat the disease. Vaccinate the cow every year one month before the rainy season.

Sivagangai

SMS Advisory

Chances of light rain on 19 Jun. Maximum temperature would be in the range of 36°C to 39°C and the minimum temperature would be between 22°C - 25°C. Cloudy sky will appear for the next five days. Wind is expected with the speed of 12-18 Kmph from, Southwest direction.

General Advisory:

Extended range Forecast for next week (21st to 27th June 2024):

Rainfall:

As per extended range predictions, there is possibility of below normal rainfall likely over the district during 21st to 27th June 2024.

Maximum Temperature:

Maximum temperatures are likely to be near normal to slightly above normal and are likely to be in the range 28°C to 34°C over the plains of the district during next week. 21st to 27th June 2024.

Minimum Temperature:

Minimum temperatures are likely to be near normal to slightly above normal and are likely to be in the range 20°C to 24°C over the district during next week 21st to 27th June 2024.

Wind with the speed of 12 to 18 kmph is expected for the next five days. Hence farmers are advised to provide propping in sugarcane and to provide adequate support for crops like Banana, Papaya, Guava and Moringa, to prevent from lodging. For Gourds check the structures /pandhals for damages in the strings and poles and provide adequate support. Postpone the spraying activity.

Agriculture:

Farmers planning to cultivate vegetable crops are advised to apply 200 kg of well decomposed farm yard manure along with each 1 kg of Trichoderma viride and Pseudomonas fluorescens per acre.

Weather Based Agro-Advisories: (Bhendi, Tomato & Animal Husbandry)

Bhendi:

The incense of Shoot and fruit borer were seen in Bhendi. Damages cause the terminal shoots to wither and droop, shedding buds and flowers, bore holes in fruits and feed, and deformed fruits.

To manage this, collect and destroy the affected buds, flowers, and fruits.

Setup pheromone trap @ 12 Nos. per hac.

To control spray 5ml of Azadiractin or 500ml of Neem extract concentrate with 10 litres of water.

Tomato:

June is the best time for sowing tomatoes in raised beds for nursery seedlings.

Do seed treatment with *Trichoderma viride* @ 5-10g/kg.

The seed treatment must be done 24 hours before the sowing of seeds.

Animal Husbandry:

Due to prevailing weather conditions, there is a chance for Black quarter disease in the cow. This disease usually affects young cattle of 6 months to about 2-3 years of age.

The symptoms are crepitating, swelling in the hind or fore quarter, lameness, and muscles shows trembling with violent twitching. Death usually occurs within 24 hours. Hyper immune serum (HIS) is used to control explosive outbreaks.

Immediately contact the local veterinarian to treat the disease. Vaccinate the cow every year one month before the rainy season.

Theni

SMS Advisory

Chances of light to Moderate rain during the next five days. Maximum temperature would be in the range of 32°C to 34°C and the minimum temperature would be between 20°C - 22°C. Cloudy sky will appear for the next five days. Wind is expected with the speed of 10-14 Kmph from, West & Southwest directions.

General Advisory:

Extended range Forecast for next week (21st to 27th June 2024):

Rainfall:

As per extended range predictions, there is possibility of below normal rainfall likely over the district during 21st to 27th June 2024.

Maximum Temperature:

Maximum temperatures are likely to be near normal to slightly above normal and are likely to be in the range 28°C to 34°C over the plains of the district during next week. 21st to 27th June 2024.

Minimum Temperature:

Minimum temperatures are likely to be near normal to slightly above normal and are likely to be in the range 20°C to 24°C over the district during next week 21st to 27th June 2024.

Heavy rain is likely to occur at isolated places over the district on 23 June 2024. Farmers are advised to act swiftly to repair the water channels, farm ponds and other water bodies to harvest the rain water. During these days farmers are advised to avoid irrigation, intercultural operations and application of plant protection measures to the standing crops, provide adequate drainage facilities in the fields to

avoid water stagnation due to heavy rainfall, do not allow the animals to grazing outside, standing near the trees or electric poles & provide safe shelter.

Agriculture:

Farmers planning to cultivate vegetable crops are advised to apply 200 kg of well decomposed farm yard manure along with each 1 kg of Trichoderma viride and Pseudomonas fluorescens per acre.

Weather Based Agro-Advisories: (Banana, Coffee & Animal Husbandry)

Banana:

The occurrence of Cutworm is noticed in the Banana crop. The symptom of damage is young larvae feed by scraping the leaves from the ventral surface, and later on feed voraciously at night on the foliage.

To control spray Bacillus thuringiensis @ 40ml + Sticky agent @ 10ml with 10 litres of water.

Growing the Marigold flower crop as a border crop in a ratio of 16:1 will also give good results for this.

Coffee:

Fertilization during Monsoon:

To improve the plant growth and fruit maturity in Arabica and Robusta coffee varieties, Coffee cultivators are advised to apply 45 kg Urea or 2 bags of Ammonium Sulphate mixed with 25 kg Potash per acre.

Carryout this activity during the non-rainy day of the mid-monsoon,

Animal Husbandry:

Due to prevailing weather conditions, there is a chance for Black quarter disease in the cow. This disease usually affects young cattle of 6 months to about 2-3 years of age.

The symptoms are crepitating, swelling in the hind or fore quarter, lameness, and muscles shows trembling with violent twitching. Death usually occurs within 24 hours. Hyper immune serum (HIS) is used to control explosive outbreaks.

Immediately contact the local veterinarian to treat the disease. Vaccinate the cow every year one month before the rainy season

Virudhunagar

SMS: Rain: 19&23.06-1&1 mm. Irrigate the crop and advised to spray. Banana - wind-practice propping and earthing up.

Tamil Nadu		
A cyclonic circulation lies over Rayalaseema & neighbourhood at 4.5 km above mean sea level. A cyclonic circulation lies over westcentral Bay of Bengal adjoining Coastal Andhra Pradesh at 3.1 km above mean sea level		
Weather forecast	Next five days	Light to moderate rain with thunderstorm and lightning is likely to occur at one or two places over Tamilnadu on Day 1 (19.06.2024) and Day 2 (20.06.2024). Light to moderate rain is likely to occur at one or two places over Tamilnadu on Day

	3 (21.06.2024) and Day 4 (22.06.2024). Light to moderate rain at a few places with thunderstorm and lightning at one or two places is likely to occur over Tamilnadu on Day 5 (23.06.2024). Heavy rain is likely to occur at isolated places over Nilgiris district & Ghat areas of Coimbatore, Tiruppur, Theni and Dindigul districts on Day 5 (23.06.2024).
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Tirunelveli

SMS: Rain: 19,20,22&23-06- 2,3,3&6 mm. Postpone the irrigation. Banana-wind& rainfall-practice propping.

Tamil Nadu		
A cyclonic circulation lies over Rayalaseema & neighbourhood at 4.5 km above mean sea level. A cyclonic circulation lies over westcentral Bay of Bengal adjoining Coastal Andhra Pradesh at 3.1 km above mean sea level		
Weather forecast	Next five days	Light to moderate rain with thunderstorm and lightning is likely to occur at one or two places over Tamilnadu on Day 1 (19.06.2024) and Day 2 (20.06.2024). Light to moderate rain is likely to occur at one or two places over Tamilnadu on Day 3 (21.06.2024) and Day 4 (22.06.2024). Light to moderate rain at a few places with thunderstorm and lightning at one or two places is likely to occur over Tamilnadu on Day 5 (23.06.2024). Heavy rain is likely to occur at isolated places over Nilgiris district & Ghat areas of Coimbatore, Tiruppur, Theni and Dindigul districts on Day 5 (23.06.2024).

Tenkasi

SMS: Rain: 19-23.06-2,3,2,3&8 mm. Postpone the Irrigation. Banana – rainfall & wind-practice propping and earthing up.

Tamil Nadu		
A cyclonic circulation lies over Rayalaseema & neighbourhood at 4.5 km above mean sea level. A cyclonic circulation lies over westcentral Bay of Bengal adjoining Coastal Andhra Pradesh at 3.1 km above mean sea level		
Weather forecast	Next five days	Light to moderate rain with thunderstorm and lightning is likely to occur at one or two places over Tamilnadu on Day 1 (19.06.2024) and Day 2 (20.06.2024). Light to moderate rain is likely to occur at one or two places over Tamilnadu on Day 3 (21.06.2024) and Day 4 (22.06.2024). Light to moderate rain at a few places with thunderstorm and lightning at one or two places is likely to occur over Tamilnadu on Day 5 (23.06.2024). Heavy rain is likely to occur at isolated places over Nilgiris district & Ghat areas of Coimbatore, Tiruppur, Theni and Dindigul districts on Day 5 (23.06.2024).

Thoothukudi

SMS: Rain: Nil. Irrigate the crop. Banana – wind-practice propping and earthing up.

Tamil Nadu		
A cyclonic circulation lies over Rayalaseema & neighbourhood at 4.5 km above mean sea level. A cyclonic circulation lies over westcentral Bay of Bengal adjoining Coastal Andhra Pradesh at 3.1 km above mean sea level		
Weather forecast	Next five days	<p>Light to moderate rain with thunderstorm and lightning is likely to occur at one or two places over Tamilnadu on Day 1 (19.06.2024) and Day 2 (20.06.2024).</p> <p>Light to moderate rain is likely to occur at one or two places over Tamilnadu on Day 3 (21.06.2024) and Day 4 (22.06.2024).</p> <p>Light to moderate rain at a few places with thunderstorm and lightning at one or two places is likely to occur over Tamilnadu on Day 5 (23.06.2024).</p> <p>Heavy rain is likely to occur at isolated places over Nilgiris district & Ghat areas of Coimbatore, Tiruppur, Theni and Dindigul districts on Day 5 (23.06.2024).</p>

Kanyakumari

AGRO ADVISORIES

S. N.	CROP	STAGES	ADVISORIES
1.	Agricultural and horticultural crops	Planting Stage	Preparatory cultivation can be started for planting of paddy and horticultural crops such as vegetables, rubber, coconut etc
2.	Pepper	Maturity stages	The spike shedding can be reduced by foliar spray of Diammonium Phosphate 1.0% four times viz., before flower initiation (May), during new leaves and flower emergence (June), before spike initiation (July) and pinhead stage of berries (August).
3.	Fruit trees and Tree spices	All stages	Strengthening the basins may be taken up for better harvesting of rains.
4.	Horticultural crops.	All stages	Basins can be formed and coir compost should be applied to conserve moisture in banana, pepper, clove, nutmeg, cinnamon and coconut.
5.	Banana	All stages	Since the wind speed is 18 - 24 km/hr staking should be given to banana.

SMS Advisory

Avoid moisture loss by the application of mulching in nutmeg, clove and Cinnamon field through farm waste materials.

Salem

Weather Advisory Bulletin for livestock, poultry and agro advisory

Livestock, Poultry & Crop	Stage	Weather advisory
Poultry	General	<p>Awareness on Newcastle Disease</p> <p>In Tamil Nadu, during south west monsoon, keep desi chicks in relatively warmer places or make the place warm by using electrical bulbs. Desi birds should be vaccinated against Newcastle Disease on 7th day with F1 strain (Eye drop), on 28th day with Lasota (Eye drop) and on 56th day with RDVK vaccine. Along with that to reduce the incidence of Newcastle Disease use ethno veterinary medicine as follows</p> <p>Required Ingredients for 10 desi birds</p> <p>Cumin seeds (Seeragam) – 10 grams</p> <p>Black pepper (Milagu) - 5 grams</p> <p>Turmeric powder - 5 grams</p> <p>Small onion - 5 numbers</p> <p>Garlic - 5 cloves</p> <p>Phyllanthus amarus (Keelanelli) – 50 grams</p> <p>Procedure:</p> <p>Grind all the ingredients and make slimy paste into small balls.</p> <p>The balls may be given in divided doses through oral route or mix with feed ingredients and can be given to the affected birds.</p>
Agro advisory from Krishi Vigyan Kendra		
Vegetable crops	Vegetative stage	Vegetable growers are requested to give foliar spraying with vegetable booster @ 5 gram / litre of water alongwith sticking agent with 15 days interval.
Banana	Vegetative stage	Apply 20 gram of arka microbial consortia per tree at the time of planting of banana and six month after planting.
Mulberry	Vegetative stage	Mulberry growing farmers are requested to apply azospirillum @ 8 kg / acre in five equal splits with two months interval and phosphobacteria @ 4 kg / acre in two equal splits with six month interval.
Tapioca	Vegetative stage	Tapioca growers are requested to give foliar spraying with zinc sulphate @ 5 gram / litre + iron sulphate @ 10 gram with lemon juice at 60 and 90 days after planting.

Namakkal

Weather Advisory Bulletin for livestock, poultry and agriculture

Livestock, Poultry & Crop	Stage	Weather advisory
Poultry	General	<p>Awareness on Newcastle Disease</p> <p>In Tamil Nadu, during south west monsoon, keep desi chicks in relatively warmer places or make the place warm by using electrical bulbs. Desi birds should be vaccinated against Newcastle Disease on 7th day with F1 strain (Eye drop), on 28th day with Lasota (Eye drop) and on 56th day with RDVK vaccine. Along with that to reduce the incidence of Newcastle Disease use ethno veterinary medicine as follows</p>

		<p>Required Ingredients for 10 desi birds</p> <p>Cumin seeds (Seeragam) – 10 grams</p> <p>Black pepper (Milagu) - 5 grams</p> <p>Turmeric powder - 5 grams</p> <p>Small onion - 5 numbers</p> <p>Garlic - 5 cloves</p> <p>Phyllanthus amarus (Keelanelli) – 50 grams</p> <p>Procedure:</p> <p>Grind all the ingredients and make slimy paste into small balls.</p> <p>The balls may be given in divided doses through oral route or mix with feed ingredients and can be given to the affected birds.</p>
Agro advisory from Krishi Vigyan Kendra, Namakkal :		
Vegetable crops	Vegetative stage	Vegetable growers are requested to give foliar spraying with vegetable booster @ 5 gram / litre of water alongwith sticking agent with 15 days interval.
Banana	Vegetative stage	Apply 20 gram of arka microbial consortia per tree at the time of planting of banana and six month after planting.
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Tapioca	Vegetative stage	Tapioca growers are requested to give foliar spraying with zinc sulphate @ 5 gram / litre + iron sulphate @ 10 gram with lemon juice at 60 and 90 days after planting.

Dharmapuri

Weather Advisory Bulletin for livestock, poultry and agriculture

Livestock, Poultry & Crop	Stage	Weather advisory
Poultry	General	<p>Awareness on Newcastle Disease</p> <p>In Tamil Nadu, during south west monsoon, keep desi chicks in relatively warmer places or make the place warm by using electrical bulbs. Desi birds should be vaccinated against Newcastle Disease on 7th day with F1 strain (Eye drop), on 28th day with Lasota (Eye drop) and on 56th day with RDVK vaccine. Along with that to reduce the incidence of Newcastle Disease use ethno veterinary medicine as follows</p> <p>Required Ingredients for 10 desi birds</p> <p>Cumin seeds (Seeragam) – 10 grams</p> <p>Black pepper (Milagu) - 5 grams</p> <p>Turmeric powder - 5 grams</p> <p>Small onion - 5 numbers</p> <p>Garlic - 5 cloves</p> <p>Phyllanthus amarus (Keelanelli) – 50 grams</p> <p>Procedure:</p> <p>Grind all the ingredients and make slimy paste into small balls.</p> <p>The balls may be given in divided doses through oral route or mix with feed ingredients and can be given to the affected birds.</p>
Agro advisory from Krishi Vigyan Kendra		

Vegetable crops	Vegetative stage	Vegetable growers are requested to give foliar spraying with vegetable booster @ 5 gram / litre of water alongwith sticking agent with 15 days interval.
Banana	Vegetative stage	Apply 20 gram of arka microbial consortia per tree at the time of planting of banana and six month after planting.
Mulberry	Vegetative stage	Mulberry growing farmers are requested to apply azospirillum @ 8 kg / acre in five equal splits with two months interval and phosphobacteria @ 4 kg / acre in two equal splits with six month interval.
Tapioca	Vegetative stage	Tapioca growers are requested to give foliar spraying with zinc sulphate @ 5 gram / litre + iron sulphate @ 10 gram with lemon juice at 60 and 90 days after planting.

Krishnagiri

Weather Advisory Bulletin for livestock, poultry and agriculture

Livestock, Poultry & Crop	Stage	Weather advisory
Poultry	General	<p>Awareness on Newcastle Disease</p> <p>In Tamil Nadu, during south west monsoon, keep desi chicks in relatively warmer places or make the place warm by using electrical bulbs. Desi birds should be vaccinated against Newcastle Disease on 7th day with F1 strain (Eye drop), on 28th day with Lasota (Eye drop) and on 56th day with RDVK vaccine. Along with that to reduce the incidence of Newcastle Disease use ethno veterinary medicine as follows</p> <p>Required Ingredients for 10 desi birds</p> <p>Cumin seeds (Seeragam) – 10 grams Black pepper (Milagu) - 5 grams Turmeric powder - 5 grams Small onion - 5 numbers Garlic - 5 cloves Phyllanthus amarus (Keelanelli) – 50 grams</p> <p>Procedure:</p> <p>Grind all the ingredients and make slimy paste into small balls. The balls may be given in divided doses through oral route or mix with feed ingredients and can be given to the affected birds.</p>

Agro advisory from Krishi Vigyan Kendra

Vegetable crops	Vegetative stage	Vegetable growers are requested to give foliar spraying with vegetable booster @ 5 gram / litre of water alongwith sticking agent with 15 days interval.
Banana	Vegetative stage	Apply 20 gram of arka microbial consortia per tree at the time of planting of banana and six month after planting.
Mulberry	Vegetative stage	Mulberry growing farmers are requested to apply azospirillum @ 8 kg / acre in five equal splits with two months interval and phosphobacteria @ 4 kg / acre in two equal splits with six month interval.
Tapioca	Vegetative stage	Tapioca growers are requested to give foliar spraying with zinc sulphate @ 5 gram / litre + iron sulphate @ 10 gram with lemon juice at 60 and 90 days after planting.

Karaikal

Agro Advisory

Crop/livestock	Stage/Particulars	Agro Advisory
Cotton	Flowering to picking stage	To control root rot in cotton, sprinkle <i>Bacillus subtilis</i> @ 2.5 kg/ha and <i>Trichoderma viridi</i> @ 2.5 kg/ha mixed with 250 kg FYM and spread evenly in the cotton field.
		To rectify the micro nutrient deficiency in cotton, spray micro nutrient mixture cotton plus @ 6.25 kg/ha.
		Nipping may be done at 15th node for variety and 20th node for hybrid cotton to induce sympodial branches development.
Brinjal	Bearing stage	To manage Brinjal shoot borer, spray Emamectin Benzoate 4% SG @ 0.4g/l.
Gourds	Bearing stage	Spray ethrel @ 100 ppm (1 ml/10 litres of water) in snake gourd and bitter gourd and @ 250 ppm (2.5 ml/10 litres of water) in ribbed gourd, four times commencing from 15th day after sowing at weekly intervals to increase female flowers.
Coconut	Bearing stage	Root feeding of coconut tonic (200 ml / tree) in 3 months interval to avoid button shedding in coconut.

SMS: Light rain is expected for next five days. Hence, postpone irrigation to crops.

Puducherry

Agro Advisory

Crop	Stage/Particulars	Agro Advisory
Rice	Tillering stage	To manage Bacterial leaf blight in paddy, spray fresh cow-dung extract 20% twice (starting from initial appearance of the disease and another at fortnightly interval) or spray Copper hydroxide 77 WP @ 2.5 g/l.

		To manage sheath rot in rice apply Hexaconazole 5% EC @ 2 ml/l or neem seed kernel extract 5%.
Black gram	Yellow mosaic virus	Installation of yellow sticky traps 12 nos/ha Rogue out the infected plants up to 45 days Foliar spray of notchi leaf extract 10% at 30 DAS or neem formulation 3 ml/lit Spray methyl demeton 25 EC 500 ml/ha or dimethoate 30 EC 500 ml/ha.
Sesame	Flowering to pod formation stage	In Sesame, to manage capsule borer spray neem seed kernel extract 5% or neem oil 3%.
		In Sesame, to manage Jassids, apply Acetamiprid 20 SP @ 0.3g/l.
Cassava	Vegetative stage	To manage red mite in Cassava, apply Pongamia oil 1 ml/l or spray Propargite 1.5 ml and Sulphur 2.5 g/ l.
Sugarcane	Vegetative stage	To control shoot borer in sugarcane, soil application of Cartaphydrochloride 4G 10kg/hectare may be done.
Brinjal	Flowering to Bearing stage	To manage Brinjal shoot borer, spray Emamectin Benzoate 4% SG @ 0.4g/l.
Gourds	Flowering stage	Spray ethrel @ 100 ppm (1 ml/10 litres of water) in snake gourd and bitter gourd and @ 250 ppm (2.5 ml/10 litres of water) in ribbed gourd, four times commencing from 15 th day after sowing at weekly intervals to increase female flowers.
Coconut	Bearing stage	To control spiralling whitefly in coconut, spray water forcibly and set up yellow sticky trap @ 8 numbers /ac. In severe cases, spray neem oil 0.5 %+ tween 80 (0.005%).
		Root feeding of coconut tonic (200 ml / tree) in 3 months interval to avoid button shedding in coconut.

SMS: Light rain is expected for next five days. Hence, postpone irrigation to crops.

Nilgiris Block Level

Coonoor

General Advisory:

Light rainfall is expected for first two day, Very light rainfall is expected for first third day, moderate rainfall is expected for fourth & fifth day, hence vegetable farmers are requested to drain the excess water in vegetable field by making proper drainage facility.

SMS Advisory:

To manage wilt in pepper, farmers are advised to do the application of Trichoderma viride@/Pseudomonas or Bacillus 25 gm and Neem cake 500gm is recommended. Apply may be given during rain free period.

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
GARLIC	Foliar application of water-soluble micronutrient mixture @ 0.5 g/liter of water during 30, 45 and 60 days after planting may be done to increase the Garlic bulb yield. To manage leaf spot / purple blotch in garlic crop, foliar application of mancozeb @ 2 g/l or copper oxychloride @ 2.5 g/l is recommended. Spray may be given during rain free period.
BEETROOT	To manage leaf spot in Beetroot crop, foliar spray of mancozeb @ 2 g/l on 45, 60 and 75 days after planting is recommended. Spray may be given during rain free period.
FRENCH BEAN	Seeds can be treated with Trichoderma viride @ 4g/kg or Bacillus subtilis @ 10g/kg to manage seed and soil borne pathogens. Further, soil testing has to be done before any cropping programme.

Gudalur

General Advisory:

Light rainfall is expected for first two day, Very light rainfall is expected for third day, moderate rainfall is expected for fourth day & heavy rainfall is expected for fifth day, hence vegetable farmers are requested to drain the excess water in vegetable field by making proper drainage facility.

SMS Advisory:

To manage wilt in pepper, farmers are advised to do the application of Trichoderma viride@/Pseudomonas or Bacillus 25 gm and Neem cake 500gm is recommended. Apply may be given during rain free period.

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
BANANA	Soil application of FYM @ 10 kg + Neem cake @ 1.25 kg as basal; Vermicompost @ 5 kg after 3 months of planting and Wood ash @ 1.75 kg / plant after 5 months of planting; Triple green manuring with sunhemp (one time) and Cowpea (two times) + biofertilizers viz., Arbuscular mycorrhiza (AM) @ 25g, Azospirillum @ 50 g, Phosphate solubilizing bacteria (PSB) @ 50 g and Trichoderma harzianum @ 50 g/ plant is recommended for organic cultivation of banana. Applying for may be given during rain free period.

Kotagiri

General Advisory:

Light rainfall is expected for first two day, Very light rainfall is expected for first third day, moderate rainfall is expected for fourth & fifth day, hence vegetable farmers are requested to drain the excess water in vegetable field by making proper drainage facility.

SMS Advisory:

To manage wilt in pepper, farmers are advised to do the application of Trichoderma viride@/Pseudomonas or Bacillus 25 gm and Neem cake 500gm is recommended. Apply may be given during rain free period.

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
GARLIC	Foliar application of water-soluble micronutrient mixture @ 0.5 g/liter of water during 30, 45 and 60 days after planting may be done to increase the Garlic bulb yield. To manage leaf spot / purple blotch in garlic crop, foliar application of mancozeb @ 2 g/l or copper oxychloride @ 2.5 g/l is recommended. Spray may be given during rain free period.
BEETROOT	To manage leaf spot in Beetroot crop, foliar spray of mancozeb @ 2 g/l on 45, 60 and 75 days after planting is recommended. Spray may be given during rain free period.
FRENCH BEAN	Seeds can be treated with Trichoderma viride @ 4g/kg or Bacillus subtilis @ 10g/kg to manage seed and soil borne pathogens. Further, soil testing has to be done before any cropping programme.

Udhagamandalam

General Advisory:

Light rainfall is expected for first two day, Very light rainfall is expected for first third day, moderate rainfall is expected for fourth & fifth day, hence vegetable farmers are requested to drain the excess water in vegetable field by making proper drainage facility.

SMS Advisory:

To manage wilt in pepper, farmers are advised to do the application of Trichoderma viride@/Pseudomonas or Bacillus 25 gm and Neem cake 500gm is recommended. Apply may be given during rain free period.

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
GARLIC	Foliar application of water-soluble micronutrient mixture @ 0.5 g/liter of water during 30, 45 and 60 days after planting may be done to increase the Garlic bulb yield. To manage leaf spot / purple blotch in garlic crop, foliar application of mancozeb @ 2 g/l or copper oxychloride @ 2.5 g/l is recommended. Spray may be given during rain free period.
BEETROOT	To manage leaf spot in Beetroot crop, foliar spray of mancozeb @ 2 g/l on 45, 60 and 75 days after planting is recommended. Spray may be given during rain free period.
FRENCH BEAN	Seeds can be treated with Trichoderma viride @ 4g/kg or Bacillus subtilis @ 10g/kg to manage seed and soil borne pathogens. Further, soil testing has to be done before any cropping programme.

